NORTH AMERICAN DRÄGER

PRODUCT BULLETIN

Product(s)	Narkomed 4
Bulletin Number:	036
Release Date:	October 7, 1994
Pages:	2

Subject: Release 1.25

Narkomed 4 Software Release 1.25 contains many features requested by our customers. Those customers who have expressed interest in the following features will be happy to know that they are now available.

- "Alarm Autoset" and "Datascan Reset" functions are now user configurable.
- "Log Data" and "Ventilation Alarms Off" functions are now site configurable.
- The "Canadian Whistle" is now site configurable.
- The WARNING Label on the Remote Display now flashes.
- The O2 SAT Tone is now more distinguishable.
- The MSPEC Span Cal has been improved.
- The NM4 now supports the Criticare Protocol.

Detailed description of the enhancements are as follows:

Ventilator Alarm Operational Requirement

1. When the ventilator is switched off:
   - the pressure apnea threshold will be set to 15 cmH_2O unless it was less than 15 cmH_2O while the ventilator was on.
   - apnea timeouts will change from 15/30 seconds for caution/warning alarms to 30/60 seconds.

2. When the ventilator is turned back on, the pressure apnea threshold will be restored to its previous value and apnea alarm timeouts will be restored to 15/30 seconds.

3. The Log Data hard key may be changed to Ventilation Alarms Off. The function of this hard key will be equivalent to the Ventilator Alarms Off softkey on the main NM4 Pressure virtual monitor. This function can be configured from the secondary service screen.

4. If at the end of the 120 second audio silence period any Warning or Caution alarms are still active, a single tone pattern will be annunciated every minute for up to three minutes, or until the alarm condition(s) is cleared for 10 seconds.

Canadian Whistle Operational Requirements

1. A Low Oxygen alarm whistle will be provided. This alarm will be a single tone burst for seven seconds, which is annunciated when the low oxygen supply is detected.

2. This function will be configurable from the secondary service screen. When configured, the alarm cannot be silenced.

Alarm Autoset/Datascan Reset Requirements

1. An Alarm Autoset/Datascan Soft key will allow the User to configure the remote display for the Alarm Autoset or Datascan presentation from the SYS CONFIG screens. The factory default will be Alarm Autoset.

O2 Saturation Tone Requirements

1. The O2 saturation tone will be changed to drop 13 hertz for each % change in saturation between the range of 80 to 100%.

2. The O2 saturation tone will drop 6 hertz for each % change from 40 to 79%.

3. The O2 saturation tone will remain constant from 0 to 39%.

Criticare Protocol Support Requirements

1. The NM4 software will be expanded to support the communication with the Criticare POET and IQ monitors.